

Notice of Allowability

Application No.

09/870,069

Examiner

Khanh Dinh

Applicant(s)

OZ ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/16/2005.
2. ☒ The allowed claim(s) is/are 1-9, 12-55, 58-96 and 99-192.
3. ☒ The drawings filed on 29 May 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Khanh Dinh
A.U. 2151

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Elena Dreszer (the Undersigned Attorney, Reg. No.55,128) on 6/2/2005.
The application has been amended as follows:

IN THE CLAIMS:

Please **cancel** claims *10, 11, 56, 57, 97 and 98*.

Please **amend** the claims as follows:

1. (Currently amended) A computer implemented method for generating a multiplexed sequence, the method comprising the steps of:
 - receiving at least one basic media data unit sequence;
 - determining modification priorities for a plurality of basic media data units belonging to the at least one basic media data unit sequence;
 - selecting basic media data units to be modified, in response to the modification priority of each basic media data unit;

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modifying each of the selected basic media data units; wherein a modified selected basic media data unit is smaller than the corresponding selected basic media data unit; and

multiplexing the modified selected basic media data units and non-selected basic media data units to provide the multiplexed sequence,

wherein:

basic media data units are arranged in groups and wherein the modification

priority of a basic media data unit belonging to a group is responsive to a combination of quality degradation of basic media data units belonging to the group, and

at least some of the basic media data units include temporal difference

information representative of temporal differences between at least two

basic media data units belonging to the same basic media data unit

sequence; and wherein a modification priority of a basic media data unit is

responsive to an amount of temporal difference information within the basic media data unit.

2. (Original) The method according to claim 1 wherein the modification priority of a basic media data unit is responsive to a quality of the basic media data unit.

3. (Original) The method according to claim 2 further comprising the step of preventing the modification of basic media data units of a quality that is lower than a quality threshold.

4. (Original) The method according to claim 1 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to a group is responsive to a combination of qualities of basic media data units belonging to the group.

5. (Original) The method according to claim 1 wherein the modification priority of a basic media data unit is responsive to a compression level of the basic media data unit.

6. (Original) The method according to claim 5 further comprising the step of preventing the modification of basic media data units of a compression level that is higher than a compression level threshold.

7. (Original) The method according to claim 1 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to a group is responsive to a combination of compression levels of basic media data units belonging to the group.

8. (Original) The method according to claim 1 wherein the modification priority

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of a basic media data unit is responsive to a quality degradation of the basic media data unit.

9. (Original) The method according to claim 8 further comprising the step of preventing the modification of basic media data units of quality degradation that is higher than a quality degradation threshold.

10. (Cancelled)

11. (Cancelled)

12. (Currently amended) The method according to claim ~~44~~1 wherein the modification priority of a basic media data unit is further responsive to the quality of the basic media data unit.

13. (Currently amended) The method according to claim ~~44~~1 wherein the modification priority of a basic media data unit is further responsive to the compression level of the basic media data unit.

14. (Currently amended) The method according to claim ~~44~~1 wherein the modification priority of a basic media data unit is further responsive to a combination of quality

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degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

15. (Currently amended) The method according to claim ~~44~~1 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

16. (Original) The method according to claim 1 wherein the modification priority of each basic media data unit reflects the sequence of basic media data units to which it belongs.

17. (Original) The method according to claim 1 wherein each basic media data unit sequence is to be provided to a corresponding buffer; wherein the modification priority of each basic media data unit belonging to a basic media data unit sequence is responsive to a simulated status of the corresponding buffer.

18. (Original) The method according to claim 1 wherein the modification priority of a basic media data unit is responsive to external modification priority information.

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19. (Original) The method according to claim 18 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's preferences.

20. (Original) The method according to claim 18 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's profile.

21. (Original) The method according to claim 18 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's behavior pattern.

22. (Currently Amended) The method according to claim 18 wherein at least a portion of the multiplexed sequence is multiplexed by at least one media provider, and the external modification priority information reflects a parameter selected from ~~the~~ a list consisting of:

at least one media provider's preference; and

at least one media provider's profile.

23. (Currently Amended) The method according to claim 18 wherein at least a portion of the multiplexed sequence is generated by at least one media provider, and the external

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modification priority information reflects a parameter selected from the a list consisting of:

at least one media provider's preference; and

at least one media provider's profile.

24. (Currently Amended) The method according to claim 18 wherein the external modification priority is provided by at least one entity selected from the a group consisting of:

an end-user;

a group of end-users;

a multiplex sequence generator;

a basic media data unit provider; and

a basic media data unit sequences distributor.

25. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

26. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

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27. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

28. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a dependency of at least one other basic media data unit upon the basic media data unit.

29. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

30. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

31. (Original) The method according to claim 18 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

32. (Currently Amended) The method according to claim 18 wherein the modification priority of a basic media data unit is responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;
- a dependency of the basic media data unit upon other basic media data unit;
- a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;
- a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and
- a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

33. (Original) The method according to claim 1 wherein the modification priority of a basic media data unit is responsive to a dependency of at least one other basic media data unit upon the basic media data unit.

34. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

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35. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

36. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

37. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

38. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

39. (Original) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

40. (Currently Amended) The method according to claim 33 wherein the modification priority of a basic media data unit is further responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;
- a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;
- a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and
- a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

41. (Original) The method according to claim 33 wherein the dependency is reflected by temporal difference information.

42. (Previously Presented) The method according to claim 1, wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence such that the amount of selected basic media data unit modifications is reduced.

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43. (Currently Amended) The method according to claim 1, wherein a basic media data unit is selected from the a list consisting of:

- a group of pictures;
- a picture;
- a frame;
- a slice;
- a macroblock; and
- a sequence of macroblocks.

44. (Currently Amended) The method according to claim 1, wherein a basic media data unit comprising signals selected from the a list consisting of:

- MPEG compliant signals;
- original media signals;
- JPEG compliant signals;
- video signals;
- audio signals;
- data signals;
- H.261 compliant media signals;
- H.263 compliant signals;
- streaming media signals;
- high quality audio signals;
- AC-3 audio signals; and

AAC audio signals:

45. (Previously Presented) The method according to claim 1, further comprising a step of transmitting the multiplexed sequence over a communication channel having an available bandwidth; and wherein the bandwidth of the multiplexed sequence does not exceed the available bandwidth.

46. (Previously Presented) The method according to claim 1, further comprising a step of storing the multiplexed at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

47. (Currently amended) A computer implemented method for generating and transmitting a multiplexed sequence over a communication channel, the communication channel has an available bandwidth, the method comprising the steps of:

receiving at least one basic media data unit sequence;

determining a modification priority of a plurality of basic media data unit of the received at least one basic media data unit sequence;

selecting basic media data units to be modified, in response to the modification priority and to the available bandwidth;

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modifying each of the selected basic media data units; wherein a modified selected basic media data unit is smaller than the corresponding selected basic media data unit; and

providing the multiplexed sequence to the communication channel, the multiplexed sequence comprising modified selected basic media data units and non-selected basic media data units,

wherein:

basic media data units are arranged in groups and wherein the modification

priority of a basic media data unit belonging to a group is responsive to a

combination of quality degradation of basic media data units belonging to

the group, and

at least some of the basic media data units include temporal difference

information representative of temporal differences between at least two basic media

data units belonging to the same basic media data unit sequence; and wherein a

modification priority of a basic media data unit is responsive to an amount of temporal

difference information within the basic media data unit.

48.(Original) The method according to claim 47 wherein the modification priority of a basic media data unit is responsive to a quality of the basic media data unit.

49.(Original) The method according to claim 48 further comprising the step of preventing the modification of basic media data units of a quality that is lower than a quality threshold.

50.(Original) The method according to claim 47 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to a group is responsive to a combination of qualities of basic media data units belonging to the group.

51.(Original) The method according to claim 47 wherein the modification priority of a basic media data unit is responsive to a compression level of the basic media data unit.

52.(Original) The method according to claim 51 further comprising the step of preventing the modification of basic media data units of a compression level that is higher than a compression level threshold.

53.(Original) The method according to claim 47 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to a group is responsive to a combination of compression levels of basic media data units belonging to the group.

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54. (Original) The method according to claim 47 wherein the modification priority of a basic media data unit is responsive to a quality degradation of the basic media data unit.

55. (Original) The method according to claim 54 further comprising the step of preventing the modification of basic media data units of quality degradation that is higher than a quality degradation threshold.

56. (Cancelled)

57. (Cancelled)

58. (Currently amended) The method according to claim ~~57~~47 wherein the modification priority of a basic media data unit is further responsive to the quality of the basic media data unit.

59. (Currently amended) The method according to claim ~~57~~47 wherein the modification priority of a basic media data unit is further responsive to the compression level of the basic media data unit.

60. (Currently amended) The method according to claim ~~57~~47 wherein the modification priority of a basic media data unit is further responsive to a combination of

quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

61. (Currently amended) The method according to claim ~~57~~47 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

62. (Original) The method according to claim 47 wherein the modification priority of each basic media data unit reflects the sequence of basic media data units to which it belongs.

63. (Original) The method according to claim 47 wherein each sequence of basic media data unit is to be provided to a corresponding buffer; wherein the modification priority of each basic media data unit of a sequence is responsive to a simulated status of the corresponding buffer.

64. (Original) The method according to claim 47 wherein the modification priority of a basic media data unit is responsive to external modification priority information.

65. (Original) The method according to claim 64 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's preferences.

66. (Original) The method according to claim 64 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's profile.

67. (Original) The method according to claim 64 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's behavior pattern.

68. (Currently Amended) The method according to claim 64 wherein at least a portion of the multiplexed sequence is multiplexed by at least one media provider, and the external modification priority information reflects a parameter selected from the a list consisting of:

at least one media provider's preference; and

at least one media provider's profile.

69. (Currently Amended) The method according to claim 64 wherein at least a portion of the multiplexed sequence is generated by at least one media provider, and

the external modification priority information reflects a parameter selected from ~~the~~ a list consisting of:

- at least one media provider's preference; and
- at least one media provider's profile.

70. (Currently Amended) The method according to claim 64 wherein the external modification priority is provided by at least one entity selected from ~~the~~ a group consisting of:

- a end-user;
- a group of end-users;
- a multiplex generator;
- a basic media data unit provider; and
- a basic media data unit sequences distributor.

71. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

72. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

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73. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

74. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to the dependency of at least one other basic media data unit upon the basic media data units.

75. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

76. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

77. (Original) The method according to claim 64 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

78. (Currently Amended) The method according to claim 64 wherein the modification priority of a basic media data unit is responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;
- a dependency of the basic media data unit upon other basic media data unit;
- a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;
- a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and
- a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

79. (Original) The method according to claim 47 wherein the modification priority of a basic media data unit is responsive to a dependency of at least one other basic media data unit upon the basic media data unit.

80. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

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81. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

82. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

83. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

84. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

85. (Original) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

86. (Currently Amended) The method according to claim 79 wherein the modification priority of a basic media data unit is further responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;
- a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;
- a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and
- a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

87. (Original) The method according to claim 79 wherein the dependency is reflected by temporal difference information.

88. (Previously Presented) The method according to claim 47, wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence, such that the amount of selected basic media data unit modifications is reduced.

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89. (Currently Amended) The method according to claim 47, wherein a basic media data unit is selected from the a list consisting of:

- a group of pictures;
- a picture;
- a frame;
- a slice;
- a macroblock; and
- a sequence of macroblocks.

90. (Currently Amended) The method according to claim 47, wherein a basic media data unit comprises of signals selected from the a list consisting of:

- MPEG compliant signals;
- original media signals;
- JPEG compliant signals;
- video signals;
- audio signals;
- data signals;
- H.261 compliant media signals;
- H.263 compliant signals;
- streaming media signals;
- high quality audio signals;
- AC-3 audio signals; and

AAC audio signals.

91. (Currently Amended) A statistical multiplexer for providing a multiplexed sequence including at least one basic media data sequence, the statistical multiplexer comprising:

a control unit;

at least one input, coupled to the control unit, for receiving at least one basic input data unit sequence;

an output, coupled to the control unit and to a communication ~~module~~ channel, for providing a multiplexed sequence to a the communication ~~module~~ channel; the ~~communication channel~~ channel has having an available bandwidth;

a modification unit, coupled to control unit, to the at least one input and to the output, the modification unit is configured to modify selected basic media data units to provide corresponding basic media data units, in response to control units from the control unit; wherein a modified selected basic media data unit is smaller than the corresponding selected basic media data unit;

wherein the control unit is configured to:

determine a modification priority of a plurality of basic media data unit of the received at least one basic media data unit sequence;

select basic media data units to be modified, in response to the modification priority and to an the available bandwidth of the communication channel;

control the provision of the selected basic media data units to the modification unit and the modification of each of the selected basic media data units; and

control the provision of a multiplexed sequence including the modified selected basic media data units and non-selected basic media data units to the communication channel; and

wherein:

basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to a group is responsive to a combination of quality degradation of basic media data units belonging to the group, and
at least some of the basic media data units include temporal difference information representative of temporal differences between at least two basic media data units belonging to the same basic media data unit sequence; and wherein a modification priority of a basic media data unit is responsive to an amount of temporal difference information within the basic media data unit.

92. (Original) The statistical multiplexer according to claim 91 wherein the modification priority of a basic media data unit is responsive to a quality of the basic media data unit.

93. (Original) The statistical multiplexer according to claim 91 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to the group is responsive to a combination of qualities of basic media data units belonging to the group.

94. (Original) The statistical multiplexer according to claim 91 wherein the modification priority of a basic media data unit is responsive to a compression level of the basic media data unit.

95. (Original) The statistical multiplexer according to claim 91 wherein basic media data units are arranged in groups and wherein the modification priority of a basic media data unit belonging to the group is responsive to a combination of compression levels of basic media data units belonging to the group.

96. (Original) The statistical multiplexer according to claim 91 wherein the modification priority of a basic media data unit is responsive to a quality degradation of the basic media data unit.

97. (Cancelled)

98. (Cancelled)

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99. (Currently Amended) The statistical multiplexer according to claim ~~98-91~~ wherein the modification priority of a basic media data unit is further responsive to the quality of the basic media data unit.

100. (Currently Amended) The statistical multiplexer according to claim ~~98-91~~ wherein the modification priority of a basic media data unit is further responsive to the a compression level of the basic media data unit.

101. (Currently Amended) The statistical multiplexer according to claim ~~98-91~~ wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

102. (Currently Amended) The statistical multiplexer according to claim ~~98-91~~ wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

103. (Original) The statistical multiplexer according to claim 91 wherein the modification priority of each basic media data unit reflects the sequence of basic media data units to which it belongs.

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104. (Original) The statistical multiplexer according to claim 91 wherein each sequence of basic media data unit is to be provided to a corresponding buffer at a remote location; wherein the statistical multiplexer comprises a plurality of buffer emulators, each for emulating a corresponding buffer, and wherein the modification priority of each basic media data unit of a sequence is responsive to a simulated status of the corresponding buffer emulator.

105. (Original) The statistical multiplexer according to claim 91 wherein the statistical multiplexer is configured to receive external modification priority information, and wherein the modification priority is responsive to the external priority information.

106. (Original) The statistical multiplexer according to claim 105 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's preferences.

107. (Original) The statistical multiplexer according to claim 105 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein the external modification priority information reflects at least one end-user's profile.

108. (Original) The statistical multiplexer according to claim 105 wherein at least a portion of the multiplexed sequence is provided to at least one end-user; and wherein

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the external modification priority information reflects at least one end-user's behavior pattern.

109. (Currently Amended) The statistical multiplexer according to claim 105 wherein at least a portion of the multiplexed sequence is multiplexed by at least one media provider, and the external modification priority information reflects a parameter selected from the a list consisting of:

- at least one media provider's preference; and

- at least one media provider's profile.

110. (Currently Amended) The statistical multiplexer according to claim 105 wherein at least a portion of the multiplexed sequence is generated by at least one media provider, and the external modification priority information reflects a parameter selected from the a list consisting of:

- at least one media provider's preference; and

- at least one media provider's profile.

111. (Currently Amended) The statistical multiplexer according to claim 105 wherein the external modification priority is provided by at least one entity selected from the a group consisting of:

- an end-user;

- a group of end-users;

a multiplex generator;
a basic media data unit provider; and
a basic media data unit sequences distributor.

112. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

113. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

114. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

115. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to the dependency of at least one other basic media data unit upon the basic media data units.

116. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a combination of

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quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

117. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

118. (Original) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

119. (Currently Amended) The statistical multiplexer according to claim 105 wherein the modification priority of a basic media data unit is responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;
- a dependency of the basic media data unit upon other basic media data unit;
- a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;

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a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and

a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

120. (Original) The statistical multiplexer according to claim 91 wherein the modification priority of a basic media data unit is responsive to a dependency of at least one other basic media data unit upon the basic media data unit.

121. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a quality of the basic media data unit.

122. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a compression level of the basic media data unit.

123. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a quality degradation of the basic media data unit.

124. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit.

125. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit.

126. (Original) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

127. (Currently Amended) The statistical multiplexer according to claim 120 wherein the modification priority of a basic media data unit is further responsive to a combination of at least two parameters selected from the a list consisting of:

- a quality of the basic media data unit;
- a quality degradation of the basic media data unit;
- a compression level of the basic media data unit;

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a combination of qualities of basic media data units that belong to a same basic media data unit group as the basic media data unit;

a combination of quality degradations of basic media data units that belong to a same basic media data unit group as the basic media data unit; and

a combination of compression levels of basic media data units that belong to a same basic media data unit group as the basic media data unit.

128. (Original) The statistical multiplexer according to claim 120 wherein the dependency is reflected by temporal difference information.

129. (Previously Presented) The statistical multiplexer according to claim 91, wherein the statistical multiplexer is configured apply at least one lossless technique such that the amount of selected basic media data unit modifications is reduced.

130. (Currently Amended) The statistical multiplexer according to claim 91, wherein a basic media data unit is selected from the a list consisting of:

a group of pictures;

a picture;

a frame;

a slice;

a macroblock; and

a sequence of macroblocks.

131. (Currently Amended) The statistical multiplexer according to claim 91, wherein a basic media data unit comprises of signals selected from the a list consisting of:

- MPEG compliant signals;

- original media signals;

- JPEG compliant signals;

- video signals;

- audio signals;

- data signals;

- H.2691 compliant media signals;

- H.263 compliant signals;

- streaming media signals;

- high quality audio signals;

- AC-3 audio signals; and

- AAC audio signals.

132. (Previously Presented) The statistical multiplexer according to claim 91, further configured to store the multiplexed at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

133. (Previously Presented) The method according to claim 1, wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

134. (Currently Amended) The method according to claim 1, wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from the a group consisting of:

- quality;
- quality degradation; and
- compression level.

135. (Currently Amended) The method according to claim 1, wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from the a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;

reception rate of basic media data units belonging to predefined basic media data sequences; and
~~the~~ entity of received basic media data unit sequences.

136. (Currently Amended) The method according to claim 44 1 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence such that the amount of selected basic media data unit modifications is reduced.

137. (Previously presented) The method according to claim 18 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence such that the amount of selected basic media data unit modifications is reduced.

138. (Previously presented) The method according to claim 33 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence such that the amount of selected basic media data unit modifications is reduced.

139. (Currently Amended) The method according to claim 44 1 wherein a basic media data unit is selected from ~~the~~ a list consisting of:

- a group of pictures;
- a picture;
- a frame;
- a slice;
- a macroblock; and
- a sequence of macroblocks.

140. (Currently Amended) The method according to claim 18 wherein a basic media data unit is selected from ~~the~~ a list consisting of:

- a group of pictures;
- a picture;
- a frame;
- a slice;
- a macroblock; and
- a sequence of macroblocks.

141. (Currently Amended) The method according to claim 33 wherein a basic media data unit is selected from ~~the~~ a list consisting of:

- a group of pictures;
- a picture;
- a frame;
- a slice;

a macroblock; and

a sequence of macroblocks.

142. (Currently Amended) The method according to claim 44 1 wherein a basic media data unit comprising signals selected from ~~the~~ a list consisting of:

MPEG compliant signals;

original media signals;

JPEG compliant signals;

video signals;

audio signals;

data signals;

H.261 compliant media signals;

H.263 compliant signals;

streaming media signals;

high quality audio signals;

AC-3 audio signals; and

AAC audio signals.

143. (Currently Amended) The method according to claim 18 wherein a basic media data unit comprising signals selected from ~~the~~ a list consisting of:

MPEG compliant signals;

original media signals;

JPEG compliant signals;
video signals;
audio signals;
data signals;

H.261 compliant media signals;
H.263 compliant signals;
streaming media signals;
high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

144. (Currently Amended) The method according to claim 33 wherein a basic media data unit comprising signals selected from the a list consisting of:

MPEG compliant signals;
original media signals;
JPEG compliant signals;
video signals;
audio signals;
data signals;

H.261 compliant media signals;
H.263 compliant signals;
streaming media signals;

high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

145. (Currently Amended) The method according to claim 44 1 further comprising a step of transmitting the multiplexed sequence over a communication channel having an available bandwidth; and wherein the bandwidth of the multiplexed sequence does not exceed the available bandwidth.
146. (Previously presented) The method according to claim 18 further comprising a step of transmitting the multiplexed sequence over a communication channel having an available bandwidth; and wherein the bandwidth of the multiplexed sequence does not exceed the available bandwidth.
147. (Previously presented) The method according to claim 33 further comprising a step of transmitting the multiplexed sequence over a communication channel having an available bandwidth; and wherein the bandwidth of the multiplexed sequence does not exceed the available bandwidth.
148. (Currently Amended) The method according to claim 44 1 further comprising a step of storing the multiplexed sequence at a digital medium having

an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

149. (Currently Amended) The method according to claim 18 further comprising a step of storing the multiplexed sequence at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

150. (Currently Amended) The method according to claim 33 further comprising a step of storing the multiplexed sequence at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

151. (Currently Amended) The method according to claim ~~57~~47 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence, such that the amount of selected basic media data unit modifications is reduced.

152. (Previously presented) The method according to claim 64 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence, such that the amount of selected basic media data unit modifications is reduced.

153. (Previously presented) The method according to claim 79 wherein the step of selecting is preceded by a step of applying at least one lossless technique for generating the multiplexed sequence, such that the amount of selected basic media data unit modifications is reduced.
154. (Currently Amended) The method according to claim ~~57~~ 47 wherein a basic media data unit is selected from the a list consisting of:
- a group of pictures;
 - a picture;
 - a frame;
 - a slice;
 - a macroblock; and
 - a sequence of macroblocks.
155. (Currently Amended) The method according to claim 64 wherein a basic media data unit is selected from the a list consisting of:
- a group of pictures;
 - a picture;
 - a frame;
 - a slice;
 - a macroblock; and

a sequence of macroblocks.

156. (Currently Amended) The method according to claim 79 wherein a basic media data unit is selected from the a list consisting of:

a group of pictures;

a picture;

a frame;

a slice;

a macroblock; and

a sequence of macroblocks.

157. (Currently Amended) The method according to claims ~~57~~47 wherein a basic media data unit comprises of signals selected from the a list consisting of:

MPEG compliant signals;

original media signals;

JPEG compliant signals;

video signals;

audio signals;

data signals;

H.261 compliant media signals;

H.263 compliant signals;

streaming media signals;

high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

158. (Currently Amended) The method according to claims 64 wherein a basic media data unit comprises of signals selected from the a list consisting of:

MPEG compliant signals;
original media signals;
JPEG compliant signals;
video signals;
audio signals;
data signals;
H.261 compliant media signals;
H.263 compliant signals;
streaming media signals;
high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

159. (Currently Amended) The method according to claim 79 wherein a basic media data unit comprises of signals selected from the a list consisting of:

MPEG compliant signals;

original media signals;
JPEG compliant signals;
video signals;
audio signals;
data signals;
H.261 compliant media signals;
H.263 compliant signals;
streaming media signals;
high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

160. (Currently Amended) The statistical multiplexer according to claim 98 91
wherein the statistical multiplexer is configured apply at least one lossless
technique such that the an amount of selected basic media data unit
modifications is reduced.

161. (Currently Amended) The statistical multiplexer according to claim 105
wherein the statistical multiplexer is configured apply at least one lossless
technique such that the an amount of selected basic media data unit
modifications is reduced.

162. (Currently Amended) The statistical multiplexer according to claim 120

wherein the statistical multiplexer is configured apply at least one lossless technique such that the an amount of selected basic media data unit modifications is reduced.

163. (Currently Amended) The statistical multiplexer according to claim ~~98~~ 91

wherein a basic media data unit is selected from the a list consisting of:

a group of pictures;

a picture;

a frame;

a slice;

a macroblock; and

a sequence of macroblocks.

164. (Currently Amended) The statistical multiplexer according to claim 105

wherein a basic media data unit is selected from the a list consisting of:

a group of pictures;

a picture;

a frame;

a slice;

a macroblock; and

a sequence of macroblocks.

165. (Currently Amended) The statistical multiplexer according to claim 120

wherein a basic media data unit is selected from ~~the~~ a list consisting of:

a group of pictures;

a picture;

a frame;

a slice;

a macroblock; and

a sequence of macroblocks.

166. (Currently Amended) The statistical multiplexer according to claim ~~98~~ 91

wherein a basic media data unit comprises of signals selected from ~~the~~ a list

consisting of:

MPEG compliant signals;

original media signals;

JPEG compliant signals;

video signals;

audio signals;

data signals;

H.2691 compliant media signals;

H.263 compliant signals;

streaming media signals;

high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

167. (Currently Amended) The statistical multiplexer according to claim 105 wherein a basic media data unit comprises of signals selected from the a list consisting of:

MPEG compliant signals;
original media signals;
JPEG compliant signals;
video signals;
audio signals;
data signals;
H.2691 compliant media signals;
H.263 compliant signals;
streaming media signals;
high quality audio signals;
AC-3 audio signals; and
AAC audio signals.

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168. (Currently Amended) The statistical multiplexer according to claim 120 wherein a basic media data unit comprises of signals selected from the a list consisting of:

MPEG compliant signals;

original media signals;

JPEG compliant signals;

video signals;

audio signals;

data signals;

H.2691 compliant media signals;

H.263 compliant signals;

streaming media signals;

high quality audio signals;

AC-3 audio signals; and

AAC audio signals.

169. (Currently Amended) The statistical multiplexer according to claim ~~98~~ 91 further configured to store the multiplexed sequence at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.

170. (Currently Amended) The statistical multiplexer according to claim 105 further configured to store the multiplexed sequence at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.
171. (Currently Amended) The statistical multiplexer according to claim 120 further configured to store the multiplexed sequence at a digital medium having an available storage space and wherein the size of the multiplexed sequence does not exceed the available storage space.
172. (Currently Amended) The method according to claim 44 1 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.
173. (Previously presented) The method according to claim 18 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.
174. (Previously presented) The method according to claim 33 wherein the step of determination a modification priority involves applying a modification priority

function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

175. (Previously presented) The method according to claim 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

176. (Currently Amended) The method according to claim ~~57~~ 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

177. (Previously presented) The method according to claim 64 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

178. (Previously presented) The method according to claim 79 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit.

179. (Currently Amended) The method according to claim 44 1 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from the a group consisting of:

quality;
quality degradation; and
compression level.

180. (Currently Amended) The method according to claim ~~48~~ 18 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from the a group consisting of:

quality;
quality degradation; and
compression level.

181. (Currently Amended) The method according to claim 33 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least

one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from ~~the~~ a group consisting of:

quality;
quality degradation; and
compression level.

182. (Currently Amended) The method according to claim 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from ~~the~~ a group consisting of:

quality;
quality degradation; and
compression level.

183. (Currently Amended) The method according to claim ~~57~~ 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from ~~the~~ a group consisting of:

quality;
quality degradation; and

compression level.

184. (Currently Amended) The method according to claim 64 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from the a group consisting of:

quality;

quality degradation; and

compression level.

185. (Currently Amended) The method according to claims 79 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one characteristic of at least one of the received basic media data unit, the at least one characteristic is selected from the a group consisting of:

quality;

quality degradation; and

compression level.

186. (Currently Amended) The method according to claim 44 1 wherein the step of determination a modification priority involves applying a modification

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priority function; and wherein the modification priority function is responsive to at least one parameter selected from ~~the~~ a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;
- reception rate of basic media data units belonging to predefined basic media data sequences; and
- ~~the~~ entity of received basic media data unit sequences.

187. (Currently Amended) The method according to claim 18 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from ~~the~~ a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;
- reception rate of basic media data units belonging to predefined basic media data sequences; and
- ~~the~~ entity of received basic media data unit sequences.

188. (Currently Amended) The method according to claim 33 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from ~~the~~ a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;
- reception rate of basic media data units belonging to predefined basic media data sequences; and
- ~~the~~ entity of received basic media data unit sequences.

189. (Currently Amended) The method according to claim 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from ~~the~~ a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;
- reception rate of basic media data units belonging to predefined basic media data sequences; and

the entity of received basic media data unit sequences.

190. (Currently Amended) The method according to claim ~~57~~ 47 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from the a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;
- reception rate of basic media data units belonging to predefined basic media data sequences; and

the entity of received basic media data unit sequences.

191. (Currently Amended) The method according to claim 64 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from the a group consisting of:

- amount of received basic media data units;
- amount of basic media data units belonging to predefined basic media data unit sequences;
- reception rate of received basic media data units;

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reception rate of basic media data units belonging to predefined basic media data sequences; and
the entity of received basic media data unit sequences.

192. (Currently Amended) The method according to claim 79 wherein the step of determination a modification priority involves applying a modification priority function; and wherein the modification priority function is responsive to at least one parameter selected from the a group consisting of:
amount of received basic media data units;
amount of basic media data units belonging to predefined basic media data unit sequences;
reception rate of received basic media data units;
reception rate of basic media data units belonging to predefined basic media data sequences; and
the entity of received basic media data unit sequences.

Allowable Subject Matter

3. Claims 1-9, 12-55, 58-96 and 99-192 are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:

The above mention claims are allowable over the prior art of record does not appear to each or render obvious the claimed limitations in combination with the specific added limitations as recited in independent claims and subsequent dependent claims. None of the cited prior art discloses or teaches a method for generating a multiplexed sequence comprising steps of: basic media data units are arranged in groups with a modification priority of a basic media data unit belonging to a group is responsive to a combination of quality degradation of basic media data units belonging to the group, at least some of the basic media data units including temporal difference information representative of temporal differences between at least two basic media data units belonging to the same basic media data unit sequence and a modification priority of a basic media data unit is responsive to an amount of temporal difference information within the basic media data unit.

Other prior art cited

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Ozkan et al., US pat. No.6,055,270.
- b. Yang et al., US pat. No.6,005,620.
- c. Coleman et al., US pat. No.5,434,623.
- d. Huang et al., US pat. No.6,052,384.
- e. Rao Padmanabha, US pat. No.5,506,844.
- f. Keye et al., US pat. No.6,259,733.

g. Dangi et al., US pat. No.5,231,492.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (703) 872-9306.

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Khanh Dinh

Khanh Dinh
Patent Examiner
Art Unit 2151
6/6/2005